



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY
P.O. Box 999 • Chester, PA 19016-0999

December 30, 2015

FED EX – NEXT DAY

Chief, Environmental Enforcement
Section
Environment and Natural
Resources Division
U.S. Department of Justice
601 D Street NW
Washington, DC 20004

Philip Yeany
Office of Regional Counsel (3RC20)
U.S. EPA, Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

Chief
NPDES Enforcement Branch (3WP42)
Water Protection Division
U.S. EPA, Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

Program Manager – Clean Water Program
PA DEP
Southeast Regional Office
2 East Main Street
Norristown, PA 19401

RE: Civil Action Number Case 2:15-cv-04652-RB
& DOJ Case Number 90-5-1-1-10972
Consent Decree Semi Annual Report No. 1
Reporting Period of July 1, 2015 – December 31, 2015

Dear Sir/Madam:

By this letter, the Delaware County Regional Water Quality Control Authority is enclosing a copy of the above mentioned report in accordance with the requirements of the Consent Decree.

If there are any questions, please contact me. Thank you.

Sincerely,

Michael J. DiSantis
Director of Operations & Maintenance

MJD:bab
enclosure

ADMINISTRATION

☐ 610-876-5523
☐ FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

☐ 610-876-5526
☐ FAX: 610-876-1460

PURCHASING & STORES

☐ 610-876-5523
☐ FAX: 610-497-7959

PLANT & MAINTENANCE

☐ 610-876-5523
☐ FAX: 610-497-7950

cc: via email
Margaret Hill, Blank Rome
Marlene Finizio, Greeley and Hansen
Michael Hope, Greeley and Hansen
Michael DiSantis, DELCORA
John Pileggi, DELCORA
Robert Willert, DELCORA
File – Consent Order – LTCP CSO



www.delcora.org

Delaware County Regional Water Quality Control Authority
CHESTER, PENNSYLVANIA

CSO Long Term Control Plan

Consent Decree
Semi-Annual Report No. 1

For the Reporting Period of
July 1, 2015 - December 31, 2015

CIVIL ACTION NO. Case 2:15-cv-04652-RB
Filed: 11/10/15

NPDES Permit Number PA0027103 A-1

TABLE 6
SUMMARY OF ALL CSOs, SSOs and UNPERMITTED DISCHARGES OCCURRING WITHIN THE SIX-MONTH PERIOD
DELCORA Permit no. PA0027103

Date of Occurrence	Location	Event	Frequency	Duration	Volume	Comment
07/07/15	3201 W. Front Street (WRTP)	SSO	Once	The incident happened at approximately 12:30 PM and lasted approximately 45 minutes	Volume unknown but estimated to be >1,000 gallons.	Report sent 07/07/15, within 5 days; Called PADEP on 07/07/15 day of occurrence
7/16/15	CSO #004 Front and Hayes	CSO	Once	Last checked at 11:05am 7/15/15. Heavy downpours during the day 7/15/15. No actual start time, CSO overflow stopped at 6:24am on 7/16/15.	Unknown	Report sent 7/16/15 same day as occurrence and within 5 days.
8/26/15	Manhole #1779 in front of 2753 Bethel Road	DWO	Once	Start Time: Approximately 2:15 PM End Time: Approximately 2:40 PM	Amount overflow is unknown.	Report sent 08/27/15, within 5 days; Called PADEP on 08/26/15 day of occurrence
9/10/15	Central Delaware PS, Sellers Avenue	SSO	Once	Start: Approximately 10:55 PM Stopped: Approximately 11:55 PM	Unknown	Report sent 9/14/15 within 5 days. Called PADEP on 9/11/15
9/11/15	Taylor Arboretum - Ridley Interceptor MH # 2875	SSO	Once	Started sometime during heavy rainfall late 9/10. End unknown.	Unknown	Report sent 9/14/15, within 5 days; Called PADEP on 09/11/15 day of occurrence
09/11/15	3201 W. Front Street (WRTP)	SSO	Once	The incident happened at approximately 12:15 AM and ended at approximately 1:45 AM	Volume unknown.	Report sent 09/14/15, within 5 days; Called PADEP on 09/11/15 day of occurrence
9/12/15	CSO #004 - Front and Hayes	DWO	Once	Start time unknown - ended 9/12/15 at 8:40am.	Unknown	Report sent 9/14/15, within 5 days. Called PADEP on 9/12/15 day of occurrence
9/12/15	CSO #005 - Townsend St.	DWO	Once	Started during rainfall event on 9/10 which ended by 12:00 AM on 9/11.	Unknown, Flow to be calculated by model	Report sent 9/14/15, within 5 days; Called PADEP on 9/12/15 day of occurrence
9/12/15	CSO #007 - Rainey St.	DWO	Once	Started during rainfall event on 9/10 which ended by 12:00 AM on 9/11.		Report sent 9/14/15, within 5 days; Called PADEP on 9/12/15 day of occurrence
11/06/15	3201 W Front Street, (WRTP)	DWO	Once	The incident happened at approximately 12:36 PM and ended at approximately 12:42 PM	Unknown	Report sent 11/09/15, within 5 days; Called PADEP on 11/06/15 day of occurrence

Sanitary Sewer Overflow (SSO) Report to PADEP- Water Management
DEP fax: 484-250-5971

 Please check the appropriate box ☒ Dry Weather Overflow ☐ Wet Weather Overflow

1. Date, Name, Phone # of person completing this report	Michael DiSantis 610-876-5523 ext. 264 7/7/15
2. Your organization name and address ?	Name: DELCORA County: Delaware Address: P.O. Box 999, Chester, PA 19016 Township/Municipality: Chester City
Sewer system owner and permit number	DELCORA NPDES NO. 0027103
3. Date found and specific location of SSO. Including Municipality/County (if different from #2) ?	Date: 7/7/15 Municipality: Chester City Location: 3201 W. Front Street (WRTP) County: Delaware
4. How was SSO discovered? By whom ?	Plant staff observed manholes on plant recycle flow (PRF) pump station gravity line overflowing.
5. Start and end time of SSO (actual or estimate?)	The incident happened at approximately 12:30 PM and lasted approximately 45 minutes.
6. Date, time and name of person who called PADEP originally to notify of SSO ?	Date : 7/7/15 Time : 1:45 PM Name : Michael DiSantis (by filing of report)
7. Description and actual or estimated volume of SSO	Volume unknown but estimated to be >1,000 gallons. Plant recycle flow consists of sanitary waste, sludge dewatering and thickening filtrate, and secondary clarifier scum flow.
8. Where, precisely, did SSO go ? (land, roadway, basement, swale, storm sewer, creek, etc) Please include creek name or street location.	Wastewater spilled onto asphalt around manholes of gravity line to pump station with some flow entering a storm water inlet between buildings B-3 and B-4 and a storm water inlet near tank T-27 in the plant.
9. What caused SSO ? How was it stopped ?	Overflow was caused by too much flow to the pump station as one of the primary tanks was being drained to perform maintenance. The overflow ceased by closing the drain valve on the primary tank being drained.
10. Describe extent of contamination and how it was cleaned up	Wastewater puddled on asphalt around manholes. Material was hosed down and a vac truck was used to remove wastewater. The storm water inlet where some of the flow went was cleaned as was subsequent inlets further downstream on the storm water line. No waste was discharged from the storm water line into the river.
11. What actions will be taken to prevent a re-occurrence ? When ?	A portable back-up pump is being placed in service to add additional capacity to the station and to prevent recurrence.
12. Other comments ?	None
13. Downstream notifications made: (All downstream users such as public water supplies must be notified)	N/A

Please check the appropriate box ☒ Dry Weather Overflow ☐ Wet Weather Overflow

1. Date, Name, Phone # of person completing this report	Date : 7/16/15 Name : Mike Warholic Phone # : (610) 876-5523 ext. 243
2. Your organization name and address ?	Name: DELCORA County: Delaware Township/Municipality: Chester City Address: P.O. Box 999, Chester, PA 19016
Sewer system owner and permit number	DELCORA - NPDES No. PA0027103
3. Date found and <u>specific</u> location of SSO. Including Municipality/County (if different from #2) ?	Date: 7/16/15 Municipality: Chester city Location(Street & #): Front and Hayes CSO #004 County: Delaware
4. How was SSO discovered? By whom ?	Delcora crew
5. Start and end time of SSO (actual or estimate?)	Cso 004 last checked at 11:05am 7/15/15 Heavy downpours during the day 7/15/15.No actual start time,CSO overflow stopped at 6:24am on 7/16/15.
6. Date, time and name of person who called PADEP originally to notify of SSO ?	M. Warholic via report
7. Description and actual or estimated volume of SSO	Unknown
8. Where, <u>precisely</u> , did SSO go ? (land, roadway, basement, swale, storm sewer, creek, etc) Please include creek name or street location.	Delaware river
9. What caused SSO ? How was it stopped ?	Sticks partially blocking regulator line. Crew removed sticks and flow dropped to normal levels
10. Describe extent of contamination and how it was cleaned up	N/A
11. What actions will be taken to prevent a re-occurrence ? When ?	Continue with CSO visual checks
12. Other comments ?	None
13. Downstream notifications made: (All downstream users such as public water supplies must be notified)	N/A

Sanitary Sewer Overflow (SSO) Report to PADEP- Water Management
DEP fax: 484-250-5971

 Please check the appropriate box ☒ Dry Weather Overflow ☐ Wet Weather Overflow

1. Date, Name, Phone # of person completing this report	Date : 8/27/15 Name : Joe Centrone Phone # : 610-876-5523 x244		
2. Your organization name and address ?	Name: DELCORA County: Delaware Township/Municipality: Chester City Address: P.O. Box 999, Chester, PA 19016		
Sewer system owner and permit number	DELCORA - NPDES No. PA0027103		
3. Date found and <u>specific</u> location of SSO. Including Municipality/County (if different from #2) ?	Date: 8/26/15 Municipality: Chester City Location(Street & #): Manhole #1779 in front of 2753 Bethel Road County: Delaware		
4. How was SSO discovered? By whom ?	Notified by Chester Water Authority crew working on Bethel Road.		
5. Start and end time of SSO (actual or estimate?)	Start Time: Approximately 2:15 PM End Time: Approximately 2:40 PM		
6. Date, time and name of person who called PADEP originally to notify of SSO ?	Date : 8/26/15 2:45 PM Name: Joe Centrone		Time :
7. Description and actual or estimated volume of SSO	Manhole overflowed due to unknown blockage. Amount overflow is unknown.		
8. Where, <u>precisely</u> , did SSO go ? (land, roadway, basement, swale, storm sewer, creek, etc) Please include creek name or street location.	Overflow ran down street and into storm water inlets which are part of the combined sewer system.		
9. What caused SSO ? How was it stopped ?	Unknown blockage in 8" sanitary sewer line which was cleared by high pressure flushing/vacuum combination truck.		
10. Describe extent of contamination and how it was cleaned up	Overflow was diluted with potable water from Chester Water Authority pipe replacement running in street so no clean up was necessary. Extent of contamination is unknown but no apparent negative impact.		
11. What actions will be taken to prevent a re-occurrence ? When ?	Lines in this area are cleaned on a yearly basis. Special attention will be paid to area to prevent further occurrences.		
12. Other comments ?	None		
13. Downstream notifications made: (All downstream users such as public water supplies must be notified)	N/A		

Sanitary Sewer Overflow (SSO) Report to PADEP- Water Management

DEP fax: 484-250-5971

Please check the appropriate box ☐ Dry Weather Overflow ☒ Wet Weather Overflow

1. Date, Name, Phone # of person completing this report	Date : 9/14/15 Name : Michael J. DiSantis Phone # : (610) 876-5523 ext. 264
2. Your organization name and address ?	Name: DELCORA County: Delaware Township/Municipality: Address: P.O. Box 999, Chester, PA 19016
Sewer system owner and permit number	DELCORA NPDES NO. 0027103
3. Date found and <u>specific</u> location of SSO. Including Municipality/County (if different from #2) ?	Date: 9/10/15 Location(Street & #): Central Delaware PS Sellers Avenue Municipality: Ridley Township County: Delaware
4. How was SSO discovered? By whom ?	Overflow was observed by on-site DELCORA personnel.
5. Start and end time of SSO (actual or estimate?)	Start: Approximately 10:55 PM Stopped: Approximately 11:55 PM
6. Date, time and name of person who called PADEP originally to notify of SSO ?	Date : 9/11/15 Time : Approximately 7:56 AM Name : Dave Voshelle
7. Description and actual or estimated volume of SSO	Sanitary wastewater, volume unknown
8. Where, <u>precisely</u> , did SSO go ? (land, roadway, basement, swale, storm sewer, creek, etc) Please include creek name or street location.	Overflow flowed to a tributary of Darby Creek that is adjacent to the pump station.
9. What caused SSO ? How was it stopped ?	Heavy rain caused very high flows to the station. All pumps were in service during bypass. Bypass ended when flow to station went below capacity of station.
10. Describe extent of contamination and how it was cleaned up	No debris or contamination observed as creek level was very high, muddy, and flowing rapidly at the time of the overflow.
11. What actions will be taken to prevent a re-occurrence ? When ?	N/A
12. Other comments ?	None
13. Downstream notifications made: (All downstream users such as public water supplies must be notified)	None

Sanitary Sewer Overflow (SSO) Report to PADEP- Water Management
DEP fax: 484-250-5971

 Please check the appropriate box ☐ Dry Weather Overflow ☒ Wet Weather Overflow

1. Date, Name, Phone # of person completing this report	Date : 9/14/15 Name : Mike Warholic Phone # : (610) 876-5523 ext. 243
2. Your organization name and address ?	Name: DELCORA County: Delaware Address: P.O. Box 999, Chester, PA 19016 Township/Municipality: Chester City
Sewer system owner and permit number	DELCORA - NPDES No. PA0027103
3. Date found and specific location of SSO. Including Municipality/County (if different from #2) ?	Date: 9/11/15 Municipality: Nether Providence /Chester border Location(Street & #): Taylor Arboretum - Ridley Interceptor MH # 2875 County: Delaware
4. How was SSO discovered? By whom ?	Delcora crew during post rain event check of known past sites of overflows found evidence of an overflow. No overflow observed at the time of the check.
5. Start and end time of SSO (actual or estimate?)	Started sometime during heavy rainfall late 9/10. End unknown.
6. Date, time and name of person who called PADEP originally to notify of SSO ?	Phone notification 9/11/15 @ 10:54am M. Warholic
7. Description and actual or estimated volume of SSO	Unknown
8. Where, precisely, did SSO go ? (land, roadway, basement, swale, storm sewer, creek, etc) Please include creek name or street location.	Grassy area next to manhole
9. What caused SSO ? How was it stopped ?	Heavy rainfall surcharging Ridley Interceptor was the cause. Stopped when rain subsided.
10. Describe extent of contamination and how it was cleaned up	No debris, minimal signs of discharge. Cleaned small area around manhole
11. What actions will be taken to prevent a re-occurrence ? When ?	Continue with O&M program
12. Other comments ?	None
13. Downstream notifications made: (All downstream users such as public water supplies must be notified)	N/A

Sanitary Sewer Overflow (SSO) Report to PADEP- Water Management

DEP fax: 484-250-5971

Please check the appropriate box ☐ Dry Weather Overflow ☒ Wet Weather Overflow

1. Date, Name, Phone # of person completing this report	Michael DiSantis 610-876-5523 ext. 264 9/14/15
2. Your organization name and address ?	Name: DELCORA County: Delaware Address: P.O. Box 999, Chester, PA 19016 Township/Municipality: Chester City
Sewer system owner and permit number	DELCORA NPDES NO. 0027103
3. Date found and <u>specific</u> location of SSO. Including Municipality/County (if different from #2) ?	Date: 9/11/15 Municipality: Chester City Location: 3201 W. Front Street (WRTP) County: Delaware
4. How was SSO discovered? By whom ?	Plant staff observed manhole on plant recycle flow (PRF) pump station gravity line overflowing.
5. Start and end time of SSO (actual or estimate?)	The incident happened at approximately 12:15 AM and ended at pproximately 1:45 AM.
6. Date, time and name of person who called PADEP originally to notify of SSO ?	Date : 9/11/15 Time : 7:56 AM Name : Dave Voshelle
7. Description and actual or estimated volume of SSO	Volume unknown. Plant recycle flow consists of sanitary waste, sludge dewatering and thickening filtrate, and secondary clarifier scum flow.
8. Where, <u>precisely</u> , did SSO go ? (land, roadway, basement, swale, storm sewer, creek, etc) Please include creek name or street location.	Wastewater spilled onto asphalt around manhole of gravity line adjacent to secondary clarifier T-27 pump station entering a storm water inlet in this area of the plant.
9. What caused SSO ? How was it stopped ?	Overflow was caused by very high peak flow through the plant of 109 MGD which surcharged the secondary clarifiers thereby raising the tanks' level causing flow to enter the scum troughs overwhelming the PRF pump station. Contributing to the surcharge was chlorine contact tanks T-19 and T-21 were out of service for maintenance at the time of the storm event. SSO stopped when flow through plant subsided some and tanks T-19 and T-21 were put back into service.
10. Describe extent of contamination and how it was cleaned up	Wastewater puddled on asphalt around manhole and flowed into the grassy area around T-27 as well as across the driveway and into a storm water inlet. Once overflow ended, any debris in area was cleaned up.
11. What actions will be taken to prevent a re-occurrence ? When ?	
12. Other comments ?	None
13. Downstream notifications made: (All downstream users such as public water supplies must be notified)	N/A

Sanitary Sewer Overflow (SSO) Report to PADEP- Water Management

DEP fax: 484-250-5971

 Please check the appropriate box ☒ Dry Weather Overflow ☐ Wet Weather Overflow

1. Date, Name, Phone # of person completing this report	Date : 9/14/15 Name : Mike Warholic Phone # : (610) 876-5523 ext. 243
2. Your organization name and address ?	Name: DELCORA County: Delaware Address: P.O. Box 999, Chester, PA 19016 Township/Municipality: Chester City
Sewer system owner and permit number	DELCORA - NPDES No. PA0027103
3. Date found and <u>specific</u> location of SSO. Including Municipality/County (if different from #2) ?	Date: 9/12/15 Municipality: Chester city Location(Street & #): Front and Hayes CSO #004 County: Delaware
4. How was SSO discovered? By whom ?	Delcora crew during daily CSO checks.
5. Start and end time of SSO (actual or estimate?)	Start time unknown - ended 9/12/15 at 8:40am.
6. Date, time and name of person who called PADEP originally to notify of SSO ?	9/12/15 at 10:22 AM by M. Warholic
7. Description and actual or estimated volume of SSO	Unknown
8. Where, <u>precisely</u> , did SSO go ? (land, roadway, basement, swale, storm sewer, creek, etc) Please include creek name or street location.	Delaware river
9. What caused SSO ? How was it stopped ?	Blockage in crossover line from regulator mechanism to Interceptor. Removed debris that washed down line from heavy rain event then discharge ended.
10. Describe extent of contamination and how it was cleaned up	N/A
11. What actions will be taken to prevent a re-occurrence ? When ?	Continue with O&M program that includes daily checks
12. Other comments ?	None
13. Downstream notifications made: (All downstream users such as public water supplies must be notified)	N/A

Sanitary Sewer Overflow (SSO) Report to PADEP- Water Management

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Please check the appropriate box ☒ Dry Weather Overflow ☐ Wet Weather Overflow

1. Date, Name, Phone # of person completing this report	Date : 9/14/15 Name : Mike Warholic Phone # : (610) 876-5523 ext. 243
2. Your organization name and address ?	Name: DELCORA County: Delaware Township/Municipality: Chester City Address: P.O. Box 999, Chester, PA 19016
Sewer system owner and permit number	DELCORA - NPDES No. PA0027103
3. Date found and <u>specific</u> location of SSO. Including Municipality/County (if different from #2) ?	Date: 9/12/15 Municipality: Chester city Location(Street & #): Townsend st. CSO #005 County: Delaware
4. How was SSO discovered? By whom ?	Delcora crew during daily CSO checks.
5. Start and end time of SSO (actual or estimate?)	Started during rainfall event on 9/10 which ended by 12:00 AM on 9/11. At time of check on 9/12, interceptor had still not recovered from rain event so discharge continued past 24 hours post rain event. Rain event on 9/12 started approximately 7:00 PM and ended by 12:00 AM on 9/13. Crew checked outfall on 9/13/15 at 8:14 AM and no discharge observed.
6. Date, time and name of person who called PADEP originally to notify of SSO ?	9/12/15 at 10:22 AM by M. Warholic
7. Description and actual or estimated volume of SSO	Unknown at this time. Flow will be calculated by model for DMR submission.
8. Where, <u>precisely</u> , did SSO go ? (land, roadway, basement, swale, storm sewer, creek, etc) Please include creek name or street location.	Delaware River
9. What caused SSO ? How was it stopped ?	Flow started due to rain event. Stopped when interceptor recovered from rain event.
10. Describe extent of contamination and how it was cleaned up	N/A
11. What actions will be taken to prevent a re-occurrence ? When ?	Continue with O&M program that includes daily checks.
12. Other comments ?	None
13. Downstream notifications made: (All downstream users such as public water supplies must be notified)	N/A

Sanitary Sewer Overflow (SSO) Report to PADEP- Water Management

DEP fax: 484-250-5971

Please check the appropriate box ☒ Dry Weather Overflow ☐ Wet Weather Overflow

1. Date, Name, Phone # of person completing this report	Date : 9/14/15 Name : Mike Warholic Phone # : (610) 876-5523 ext. 243
2. Your organization name and address ?	Name: DELCORA County: Delaware Address: P.O. Box 999, Chester, PA 19016 Township/Municipality: Chester City
Sewer system owner and permit number	DELCORA - NPDES No. PA0027103
3. Date found and specific location of SSO. Including Municipality/County (if different from #2) ?	Date: 9/12/15 Municipality: Chester city Location(Street & #): Rainey st. CSO #007 County: Delaware
4. How was SSO discovered? By whom ?	Delcora crew during daily CSO checks.
5. Start and end time of SSO (actual or estimate?)	Started during rainfall event on 9/10 which ended by 12:00 AM on 9/11. At time of check on 9/12, interceptor had still not recovered from rain event so discharge continued past 24 hours post rain event. Rain event on 9/12 started approximately 7:00 PM and ended by 12:00 AM on 9/13. Crew checked outfall on 9/14/15 at approximately 7:30 AM and outfall still discharging as interceptor had still not recovered from rain event so discharge continued past 24 hours post rain event. On 9/14, a temporary interceptor relief pumping system was set up which pumped flow from the interceptor to our Stadium Pump Station. This successfully lowered the level in the interceptor and the discharge
6. Date, time and name of person who called PADEP originally to notify of SSO ?	9/12/15 at 10:22 AM by M. Warholic
7. Description and actual or estimated volume of SSO	Unknown at this time. Flow will be calculated by model for DMR submission.
8. Where, <u>precisely</u> , did SSO go ? (land, roadway, basement, swale, storm sewer, creek, etc) Please include creek name or street location.	Delaware River
9. What caused SSO ? How was it stopped ?	Flow started due to rain event.
10. Describe extent of contamination and how it was cleaned up	N/A
11. What actions will be taken to prevent a re-occurrence ? When ?	Continue with O&M program that includes daily checks. Also, we will be formalizing the interceptor relief pumping system as this area is prone to slow recovery following rain events. Until the system is made permanent, we will continue with temporary pumping on an as-needed basis.
12. Other comments ?	None
13. Downstream notifications made: (All downstream users such as public water supplies must be notified)	N/A

Phone: (215) 569-5331
Fax: (215) 832-5331
Email: MHill@BlankRome.com

Scanned to server
Orig: Adm Dept
NOV 16 2015
245-1132
cc LTRP
Group

November 11, 2015

Chief, Environmental Enforcement
Section
Environmental and Natural Resources
Division
U.S. Department of Justice
P.O. Box 7611, Ben Franklin Station
Washington, DC 20044-7611

Philip Yeany
Office of Regional Counsel {3RC20}
U.S. Environmental Protection Agency,
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

Chief
NPDES Enforcement Branch {3WP42}
Water Protection Division
U.S. Environmental Protection
Agency, Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

Program Manager —Clean Water Program
Department of Environmental Protection
Southeast Regional Office
2 E. Main Street
Norristown, PA 19401

Re: Notice of Violation
DOJ No. 90-5-1-1-10972

Dear Sirs/Madams:

By this letter, the Delaware County Regional Water Quality Control Authority (DELCORA) is advising that a SSO event occurred on November 6, 2015. I am attaching a report prepared by DELCORA for your review which provides the details associated with the event.

Regards,



MARGARET ANNE HILL

Enclosure

cc: Robert J. Willert, DELCORA ✓

Sanitary Sewer Overflow (SSO) Report to PADEP- Water Management

DEP fax: 484-250-5971

Please check the appropriate box ☒ Dry Weather Overflow ☐ Wet Weather Overflow

1. Date, Name, Phone # of person completing this report	Michael DiSantis 610-876-5523 ext. 264 11/9/15
2. Your organization name and address ?	Name: DELCORA County: Delaware Address: P.O. Box 999, Chester, PA 19016 Township/Municipality: Chester City
Sewer system owner and permit number	DELCORA NPDES NO. 0027103
3. Date found and <u>specific</u> location of SSO. Including Municipality/County (if different from #2) ?	Date: 11/6/15 Municipality: Chester City Location: 3201 W. Front Street (WRTP) County: Delaware
4. How was SSO discovered? By whom ?	Plant staff observed manhole on plant recycle flow (PRF) pump station gravity line overflowing.
5. Start and end time of SSO (actual or estimate?)	The incident happened at approximately 12:36 PM and ended at pproximately 12:42 PM.
6. Date, time and name of person who called PADEP originally to notify of SSO ?	Date : 11/6/15 Time : 1:00 PM Name : Dave Voshelle
7. Description and actual or estimated volume of SSO	Volume unknown. Plant recycle flow consists of sanitary waste, sludge dewatering and thickening filtrate, and secondary clarifier scum flow.
8. Where, <u>precisely</u> , did SSO go ? (land, roadway, basement, swale, storm sewer, creek, etc) Please include creek name or street location.	Wastewater spilled onto asphalt around manholes of gravity line to the pump station.
9. What caused SSO ? How was it stopped ?	Overflow was caused by the tripping of the main breaker for the pump station. Breaker was reset and normal operation resumed.
10. Describe extent of contamination and how it was cleaned up	Wastewater puddled on asphalt around manholes and flowed across driveway. Due to the short duration of the event, no overflow entered a storm drain inlet. Any accumulated debris and liquid was removed.
11. What actions will be taken to prevent a re-occurrence ? When ?	DELCORA Electrical Staff is investigating the cause of the failure. Until the cause is known and addressed, a temporary back-up pump has been put in place to address any potential subsequent failures.
12. Other comments ?	None
13. Downstream notifications made: (All downstream users such as public water supplies must be notified)	N/A

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DEP fax: 484-250-5971

Please check the appropriate box ☐ Dry Weather Overflow ☐ Wet Weather Overflow

1. Date, Name, Phone # of person completing this report	Michael DiSantis 610-876-5523 ext. 264 12/24/15
2. Your organization name and address ?	Name: DELCORA County: Delaware Address: P.O. Box 999, Chester, PA 19016 Township/Municipality: Chester City
Sewer system owner and permit number	DELCORA NPDES NO. 0027103
3. Date found and <u>specific</u> location of SSO. Including Municipality/County (if different from #2) ?	Date: 12/23/15 Municipality: Chester City Location: 3201 W. Front Street (WRTP) County: Delaware
4. How was SSO discovered? By whom ?	Plant staff observed manholes on plant recycle flow (PRF) pump station gravity line overflowing.
5. Start and end time of SSO (actual or estimate?)	The incident started at approximately 4:00 PM and ended at pproximately 5:30 PM.
6. Date, time and name of person who called PADEP originally to notify of SSO ?	Date : 12/23/15 Time : Approximately 4:45 PM Name : Tom Czwalina
7. Description and actual or estimated volume of SSO	Volume unknown. Plant recycle flow consists of sanitary waste, rain water from truck waste containment areas, sludge dewatering and thickening filtrate, and secondary clarifier scum flow.
8. Where, <u>precisely</u> , did SSO go ? (land, roadway, basement, swale, storm sewer, creek, etc) Please include creek name or street location.	Wastewater spilled onto asphalt around manholes of gravity line to the pump station.
9. What caused SSO ? How was it stopped ?	Overflow was caused by a failure of one of the two pumps in the station. Overflow was stopped when a portable stand-by pump was put into service.
10. Describe extent of contamination and how it was cleaned up	Wastewater flowed on to asphalt around manholes and flowed across driveway. With some of the overflow entering storm drain inlets. Due to rain event, there was no accumulated debris so no clean up was needed.
11. What actions will be taken to prevent a re-occurrence ? When ?	
12. Other comments ?	Additional stand-by pumps have been added to the system until a permanent repair can be made. This station is scheduled to be replaced during an upgrade that is underway.
13. Downstream notifications made: (All downstream users such as public water supplies must be notified)	N/A



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Delaware County Regional Water Quality Control Authority

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